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25X1 REFERENCE: [REDACTED]

ATTACHMENT TO L-2520
20 JANUARY 1967
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NEW RAILROAD BRIDGE CONSTRUCTION TECHNIQUE
HA NOI, NORTH VIETNAM
2104N 10555E

1. SIGNIFICANCE:

THIS BRIEFING BOARD PORTRAYS A NEW TYPE OF RAILROAD BRIDGE CONSTRUCTION WHICH MAY ALSO SERVE AS A NEW BRIDGE SERVICEABILITY DECEPTION TECHNIQUE.

2. LOCATION:

THE HA NOI RAILROAD BRIDGE OVER THE SONG DUONG [REDACTED] 25X1
IS LOCATED FOUR NM NORTHEAST OF HA NOI.

3. MISSION READOUT:

25X1 [REDACTED] SHOWS CONSTRUCTION CONTINUING
ON THIS RAILROAD BRIDGE WHICH BY-PASSES THE HA NOI RAILROAD AND
HIGHWAY BRIDGE OVER THE SONG DUONG [REDACTED] FIRST OBSERVED 25X1
25X1 UNDER CONSTRUCTION IN [REDACTED] THE BRIDGE IS NEARING COMPLETION;
ALL PIERS ARE IN PLACE AND THE APPROACH TRACK IS LAID WITH THE EX-
CEPTION OF A FIVE HUNDRED FOOT SEGMENT ON THE SOUTH BANK.

THE UNUSUAL DESIGN OF THE APPROACHES, PIERS, AND ABUTMENTS
SUGGESTS THE POSSIBILITY OF A NEW CONSTRUCTION/REPAIR/SERVICEABILITY
DECEPTION TECHNIQUE. DOUBLE GANTRY CRANES ARE LOCATED ON RAIL/CABLE
WAYS (EACH APPROXIMATELY THREE HUNDRED SIXTY FEET IN LENGTH) AT
EACH END OF THE BRIDGE. THE PIERS CONSIST OF TWO LATTICE-TYPE TOWERS
WITH CROSS MEMBER DECK SUPPORTS. THE APEXES OF THE PIERS ARE SEPARATED
25X1 APPROXIMATELY [REDACTED] WHICH IS THE SAME WIDTH AS THE GANTRY WAY.

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GROUP 1
Excluded from automatic
downgrading and declassification

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AN ANALYSIS OF THE SHADOW INDICATES THAT THE LATTICE-TYPE TOWERS
EXTEND ABOVE THE CROSS MEMBERS THE SAME DISTANCE THAT THE GANTRY
WAY EXTENDS ABOVE THE RAILBED. A PROBABLE CABLE ANCHORAGE
EXCAVATION IS LOCATED AT THE END OF THE GANTRY WAY ON THE SOUTH BANK.
THE RAILROAD TRACK IS OFFSET WITHIN THE GANTRY WAY, AND ALTHOUGH
THIS MAY INDICATE A DUAL PURPOSE RAILROAD/ROAD BRIDGE, THE AREA
COULD BE UTILIZED FOR TEMPORARY STORAGE OF THE DECK SECTIONS. IF
THE GANTRY CRANES ARE DESIGNED TO RIDE ON CABLES, THEY WOULD
SIGNIFICANTLY EXPEDITE EMPLACEMENT AND REMOVAL OF THE DECK SECTIONS
FOR MAINTENANCE OR TO MAINTAIN THE DECEPTION OF UNSERVICEABILITY
NOW EMPLOYED AT SEVERAL OTHER BY-PASS BRIDGES IN NORTH VIETNAM.

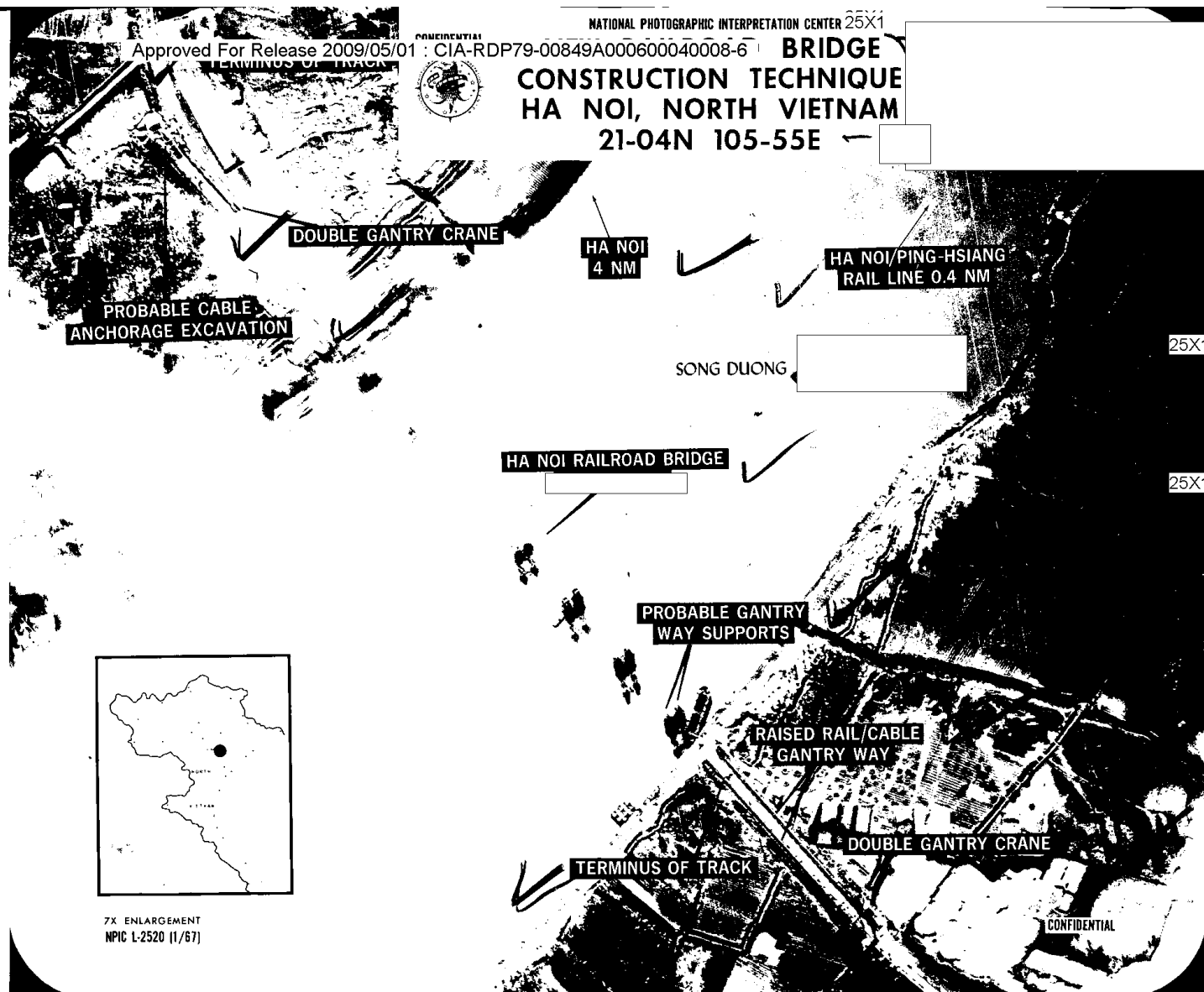
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**BRIDGE
CONSTRUCTION TECHNIQUE
HA NOI, NORTH VIETNAM
21-04N 105-55E**



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INFO

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